

EFFICACY REVIEW

DATE: IN 1-30-97 OUT 3-19-97

FILE OR REG. NO. 37425-39

PETITION OR EXP. PERMIT NO. _____

DATE DIV. RECEIVED January 27, 1997

DATE OF SUBMISSION January 24, 1997

DATE SUBMISSION ACCEPTED _____

TYPE PRODUCT(S): (I,)D, H, F, N, R, S _____

DATA ACCESSION NO(S) . 442054-01;D232952;S517790;Case#040783;AC:306

PRODUCT MGR. NO. 13-LaRocca/DeLuise

PRODUCT NAME(S) Durasect Long-Acting Livestock Pour-On

COMPANY NAME Pfizer, Incorporated

SUBMISSION PURPOSE Provide performance data in support of claims of
repellency of house, face and stable flies and
prevention of biting & feeding on blood of horses.

CHEMICAL & FORMULATION Permethrin: (3-phenoxyphenyl)methyl(+)*cis*-
trans-3-(2,2-dichloroethenyl)-2,2-dimethylcyclopropanecarboxylate*
*Cis/trans isomer ratio: 1.0%
Minimum 35%(+) *cis*, (ready-to-use liquid of unknown Sp. Gr.)
Maximum 65%(+) *trans*

CONCLUSIONS & RECOMMENDATIONS The data presented in EPA Accession
(MRID) Number 442054-01, having been obtained from a standard field
test meeting the requirements of § 95-8(a)(1)-(5)(vi) and (viii) on
pp. 255-6 and (7) and (8) on p. 258, and the standard of § 95-8(b),
subpart (2)(iii) on p. 261 of the Product Performance Guidelines,
are adequate to support the claims for killing stable flies, face
flies and house flies for up to 2 weeks on horses when applied as
a pour-on according to label directions, and prevention of stable
flies from taking a blood meal on horses for up to 7 days when ap-
plied according to the same directions, or alternatively as a spray
by pump application to run off to those areas where feeding is most
likely to occur. While there are at present no directions on the
product label for application as a spray, the data demonstrate that
this method of application is equal to use as a pour-on in protect-
ing from blood feeding by stable flies, but is not equal to a pour-
on in repellency of house flies, face flies and stable flies.

RL Vern L. McFarland, IRB